

(Modified) PTO/SB/21 (12-97)

For use through 9/30/00 OMB 0651-0031

TRANSMITTAL FORM JUN 1 1 2002 (to be used for all correspondence after initial filing) U.S. PATENT & TRADEMARK OFFICE	Application Number	10/079,134
	Filing Date	February 20, 2002
	First Named Inventor	Nikiforov
	Group Art Unit	
	Examiner Name	
Total number of pages This Submission	Attorney Docket No.	100/14819

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ENCLOSURES (check all that apply)		
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Authorization to Charge Deposit Account Please charge Deposit Account No. 03-0177 for any additional fees associated with this paper or during the pendency of this application.		
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Individual Name: Gulshan H. Shaver Signature: <i>Gulshan H. Shaver</i> Date: <i>6/4/02</i> Reg. No. 37,496		

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on this date: *June 4, 2002*

Typed or Printed Name **Michelle Chan**Signature *Michelle Chan*Date: *June 4, 2002*

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PATENT
100/14010

June 4, 2002
By Michelle Chan
Michelle Chan

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

THEO T. NIKIFOROV

Application No.: 10/079,134

Filed: February 20, 2002

For: METHODS AND SYSTEMS FOR
IDENTIFYING NUCLEOTIDES BY
PRIMER EXTENSION

Examiner: Unknown

Art Unit: Unknown

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97
AND 1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The references cited on the attached form PTO-1449 are being called to the attention of the Examiner. A copy of each reference is enclosed.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is made that a search has been conducted or that this statement encompasses all possible relevant information.

THEO T. NIKIFOROV
Serial No. 10/079,134
Page 2

Applicants believe that no fee is required for submission of this statement, since it is being submitted within three months of the filing date or prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to charge such fee to Deposit Account No. 03-0177. Please charge any additional fees or credit any overpayment to the above-noted deposit account.


Respectfully submitted,



Gulshan H. Shaver
Reg. No. 37,496

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Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/079,134
		Filing Date	February 20, 2002
		First Named Inventor	Nikiforov
		Group Art Unit	
Examiner Name		JUN 13 2002	
Attorney Docket Number	100/14010	TECH CENTER 1600/2900	

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
	AA	4,390,403		Batchelder	06-28-1983	
	AB	4,908,112		Pace	03-13-1990	
	AC	5,126,022		Soane et al.	06-30-1992	
	AD	5,498,392		Wilding et al.	03-12-1996	
	AE	5,571,410		Swedberg et al.	11-05-1996	
	AF	5,585,069		Zanzucchi et al.	12-17-1996	
	AG	5,603,351		Cherukuri et al.	02-18-1997	
	AH	5,635,358		Wilding et al.	06-03-1997	
	AI	5,637,469		Wilding et al.	06-10-1997	
	AJ	5,699,157		Parce	12-16-1997	
	AK	5,750,015		Soane et al.	05-12-1998	
	AL	5,800,690		Chow et al.	09-01-1998	
	AM	5,869,004		Parce et al.	02-09-1999	
	AN	5,876,675		Kennedy	03-02-1999	
	AO	5,880,071		Parce et al.	03-09-1999	
	AP	5,882,465		McReynolds	03-16-1999	
	AQ	5,885,470		Parce et al.	03-23-1999	
	AR	5,888,819		Goelet et al.	03-30-1999	
	AS	5,942,443		Parce et al.	08-24-1999	
	AT	5,948,227		Dubrow	09-07-1999	
	AU	5,955,028		Chow	09-21-1999	
	AV	5,958,694		Nikiforov	09-28-1999	
	AW	5,959,291		Jensen	09-28-1999	
	AX	5,965,410		Chow et al.	10-12-1999	
	AY	5,976,336		Dubrow et al.	11-02-1999	
	AZ	5,989,402		Chow et al.	11-23-1999	
	BA	6,001,231		Kopf-Sill	12-14-1999	
Examiner Signature					Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Attorney Docket Number	100/14010

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	BB	6,012,902	Parce	01-11-2000	TECH CENTER 1600/2900
	BC	6,042,709	Parce et al.	03-28-2000	
	BD	6,074,725	Kennedy	06-13-2000	
	BE	6,100,541	Nagle et al.	08-08-2000	
	BF	6,221,226	Kopf-Sill	04-24-2001	
	BG				

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office	Number	Kind Code (if known)		
BH	WO		9604547		Lockheed Martin	02-15-1996
BI	WO		9702357		Affymetrix, Inc.	01-23-1997
BJ	WO		9914226		Exiqon A/S	03-25-1999

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T
BK		COHEN, C.B. et al., "A Microchip-Based Enzyme Assay for Protein Kinase A," <u>Anal. Chem.</u> (1999) 273:89-97				
BL		DASGUPTA, P.K. et al., "Electroosmosis: A Reliable Fluid Propulsion System for Flow Injection Analysis," <u>Anal. Chem.</u> (1994) 66:1792-1798				
BM		HARRISON, D.J. et al., "Capillary Electrophoresis and Sample Injection Systems integrated on a Planar Glass Chip," <u>Anal. Chem.</u> (1992) 64:1926-1932				
BN		HARRISON, D.J. et al., "Towards Miniaturized Electrophoresis and Chemical Analysis Systems on Silicon: an Alternative to Chemical Sensors," <u>Sensors and Actuators B</u> (1993) 10:107-116				
BO		HARRISON, D.J. et al., "Micromachining a Miniaturized Capillary Electrophoresis-Based Chemical Analysis System on a Chip," <u>Science</u> (1993) 261:895-897				
BP		HARRISON, D.J. et al., "Integrated Electrophoresis Systems for Biochemical Analyses," <u>Sensors and Actuators</u> (1994) 21-24				
BQ		JACOBSON, S.C. et al., "Fused Quartz Substrates for Microchip Electrophoresis," <u>Anal. Chem.</u> (1995) 67:2059-2063				
BR		KONDO, H. et al., <u>Biotechniques</u> (2000) 29:868-872				

Examiner Signature	Date Considered
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BS	MANZ, A. et al., "Electroosmotic pumping and electrophoretic separations for miniaturized chemical analysis systems," <u>J. Micromech. Microeng.</u> (1994) 4:257-265	
BT	RAMSEY, J.M. et al., "Microfabricated chemical measurement systems," <u>Nature Med.</u> (1995) 1:1093-1096	
BU	SUNDBERG, S., "High-throughput and ultra-high-throughput screening: solution- and cell-based approaches," <u>Current Opinions in Biotechnology</u> (2000) 11/47-53	
BV	SEILER, K. et al., "Planar Glass Chips for Capillary Electrophoresis: Repetitive Sample Injection, Quantitation, and Separation Efficiency," <u>Anal. Chem.</u> (1993) 65:1481-1488	
BW	SEILER, K. et al., "Electroosmotic Pumping and Valveless Control of Fluid Flow Within a Manifold of Capillaries on a Glass Chip," <u>Anal. Chem.</u> (1994) 66:3485-3491	
BX		

Examiner Signature		Date Considered	
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